Washington Rose Elementary School
Ms. Alexander-Principal
Ms. Wilkes- Math Specialist

Math News…

December 10, 2012

Math Bee: Thank you grade 3 teachers for a job wee done. The students were well prepared and did a great job. The Math Bee for grade 4 will be on December 13th and grade 5 will be on December 20th.

Partnership for Assessment of Readiness for College and Careers (PARCC): Please make sure you administer your weekly PARCC Assessment on or before the due date. These assessments will help prepare the students for the terminology and expectations of the New York State Assessment. http://parcconline.org

Common Core Modules- What should you be working on now?
Kindergarten: Module 3- Compare numbers/describe measurable attributes (43 days)
Grade 1: Module 3- Ordering and expressing length of measurements as numbers (15 days)
Grade 2: Module 3- Place value, counting and comparison of numbers to 1000 (25 days)
Grade 3: Module 3- Multiplication and division (25 days)
Grade 4: Module 3- Multiplication and division up to 4-digit numbers (43 days)
Grade 5: Module 2- Multi-digit whole number and decimal fraction operations (35 days)

Curriculum maps/ Math calendar: You should have received the curriculum map which outlines the modules for the year and the math calendar. Please **adhere** to the math calendar. All of the standards listed prior to April 24th **will be assessed** on the New York State Assessment. Many of the skills appear in more than one module so please do not spend too long on one concept.

Emphases in Common Core Standards for Mathematical Content: **What is the major work of my grade level?** Major clusters – areas of intensive focus, where students need fluent understanding and application of the core concepts (approximately 70% of the state assessment). **http://engageny.org**

Grade 3

Operations and Algebraic Thinking

Represent and solve problems involving multiplication and division.

Understand the properties of multiplication and the relationship between multiplication and division.

Multiply and divide within 100.

Solve problems involving the four operations, and identify and explain patterns in arithmetic.

Number and Operations – Fractions

Develop understanding of fractions as numbers.

Measurement and Data

Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.

Geometric measurement: understand concepts of area and relate area to multiplication and to addition.

Grade 4

Operations and Algebraic Thinking

Use the four operations with whole numbers to solve problems.

Number and Operations in Base Ten

Generalize place value understanding for multi-digit whole numbers.

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Number and Operations – Fractions

Extend understanding of fraction equivalence and ordering.

Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

Understand decimal notation for fractions, and compare decimal fractions.

Grade 5

Number and Operations in Base Ten

Understand the place value system.

Perform operations with multi-digit whole numbers and with decimals to hundredths.

Number and Operations – Fractions

Use equivalent fractions as a strategy to add and subtract fractions.

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

Measurement and Data

Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.